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Socioeconomic Monitoring Report

First Quarter 1983

March 31, 1983

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WHITE RIVER SHALE PROJECT

SOCIOECONOMIC IMPACT MONITORING REPORT

FIRST QUARTER 1983

White River Shale Oil Corporation
March 31, 1983

A/P Associates
Salt Lake City, Utah

SUMMARY
WHITE RIVER SHALE PROJECT WORK FORCE
FIRST QUARTER 1983

1. Total Employees

Temporary	163
Permanent	15
	178

2. Marital Status

Single	33
Married, Single Status	59
Married, Family Status	82
No Response	4
	178

3. Location of Residence While on the Project

Vernal	77
Maeser	11
Jensen	7
Naples	12
Other Ashley Valley	23
Rangely	0
Dinosaur	2
Rifle	0
Roosevelt	0
On-Site	31
No Response	15
	178

4. Work Force Origin

Local	68
Nonlocal	104
No Response	6
	178

5. Location of Permanent Residence

Local	
Vernal	30
Naples	7
Maeser	8
Jensen	2
Other Ashley Valley	20
Dinosaur	0
Rangely	0
Rifle	0
Roosevelt	0
On-site	1
No Response	0
	68

Nonlocal	
Utah	59
Wyoming	2
Idaho	0
Arizona	2
California	4
Colorado	10
Other	19
No Response	8
	104

6. Type of Residence

Single Family	62
Motel/Hotel	30
Condominium/ Apartment	21
Recreation Vehicle	35
Mobile Home	19
Other	0
No Response	11
	178

7. Employees' Children

(Age)	
0-2	33
3-5	24
6-11	34
12-17	31
	122

8. Job Title

Operator/Driver	39
Miner	24
Electrician	7
Metal/Plumber/Welder	8
Mason/Carpenter/Gunite	16
Engineer/Technician	15
Admin/Clerical/Security	29
Other	28
No Response	12
	178

9. Previous Employment Status

Employed	114
Unemployed	55
No Response	9
	178

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PREFACE

The White River Shale Oil Corporation (WRSOC) was formed in 1974 by Phillips Petroleum Company, Sohio Shale Oil Company, and Sunoco Energy Development Co. as agent of the three owners to develop Federal prototype oil shale lease tracts Ua and Ub. The two tracts are located in Uintah County, Utah, approximatey 50 miles southeast of Vernal, Utah (Figure 1). The right to develop the tracts was obtained in June 1974 from the U.S. Department of Interior for a bonus bid of $120.7 million. Covering a total of 10,240 acres, the tracts have recoverable reserves estimated at over 700 million barrels of oil.

In 1977, due to environmental monitoring and title questions, the owner companies asked for suspension of the lease terms. That suspension continued in effect, pursuant to an injunction issued by the Federal District Court in Utah, until March, 1982. On-site preparation work began in April 1982. Site work has proceeded since then in preparation for development of a room-and-pillar oil shale mine. This mine and the above-ground processing facilities are scheduled to be developed in three phases. Operation of the Phase I modular facility is planned to begin in 1988-89 (Figure 2). This would involve a 30,000 ton per day mine and shale oil production of about 17,000 barrels per day. Following the planned completion of Phase I, it is the current goal of the project owners to expand the project facilities in subsequent phases and ultimately to have a production capacity of 106,000 barrels per day in place on the leased tracts. At this level, the mine would produce 176,000 tons per day of oil shale.

It is the intention of the White River Shale Oil Corporation to cooperate with and assist public and private organizations in anticipating and mitigating socioeconomic impacts related to the White River Shale Project (WRSP). In keeping with this policy, WRSOC has established a process for monitoring the shale project's socioeconomic impacts in Utah and western Colorado. The information obtained through this monitoring process constitutes an important component of the WRSP impact mitigation program.

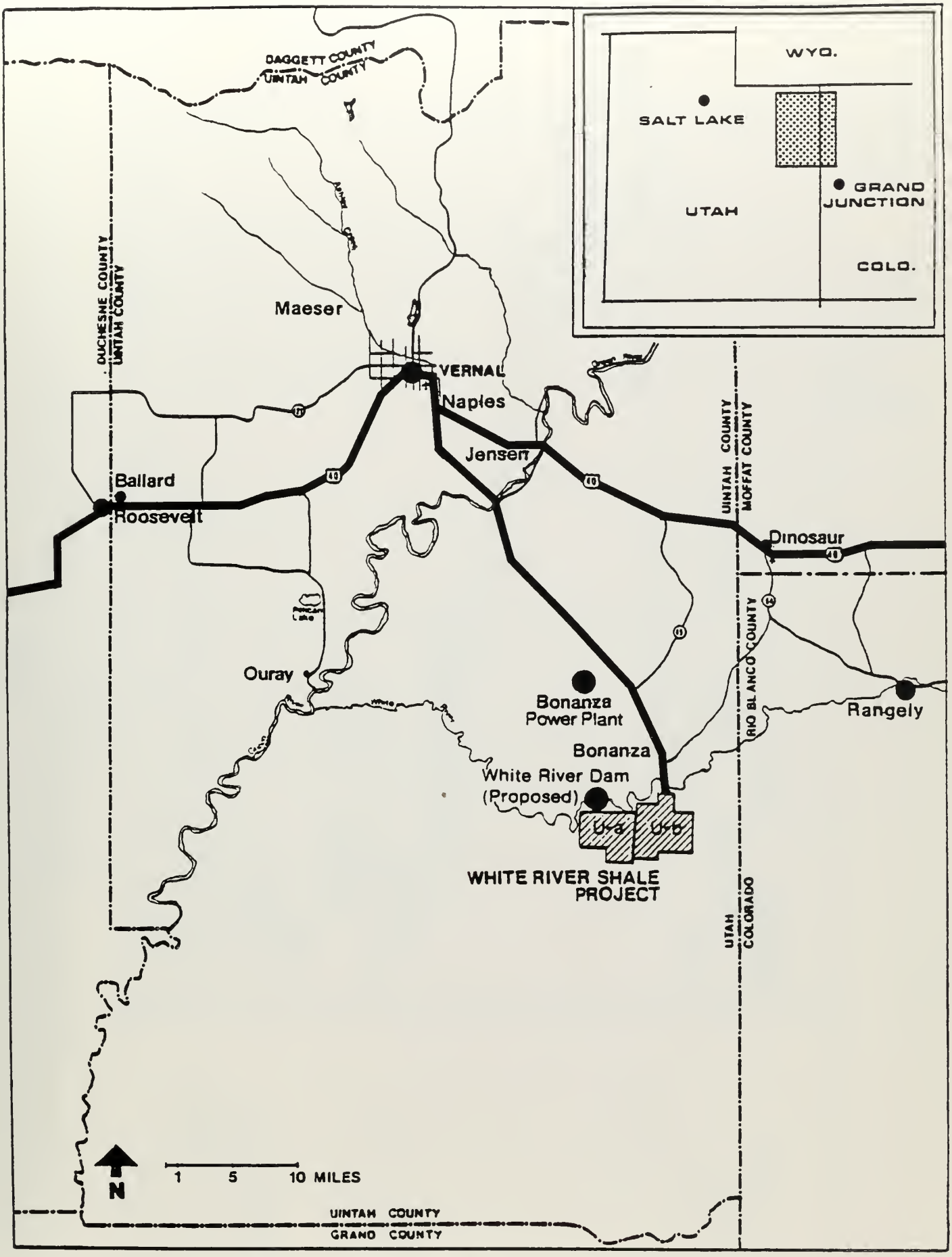
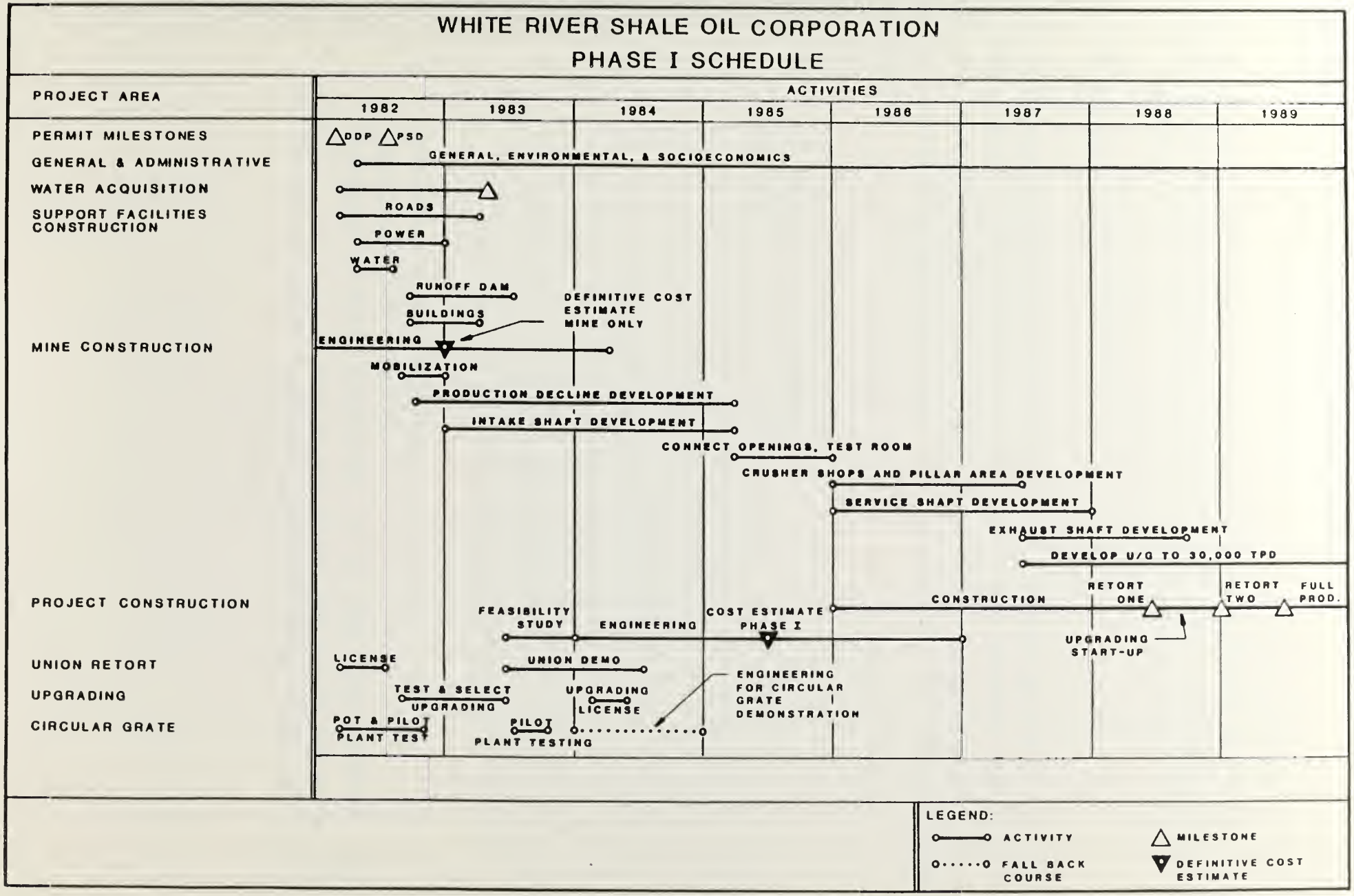


Fig. 1. White River Shale Project Impact Region

FIG. 2


WHITE RIVER SHALE OIL CORPORATION
PHASE I SCHEDULE
PROJECT AREA
ACTIVITIES
1982
1983
1984
1985
1986
1987
1988
1989
PERMIT MILESTONES
GENERAL & ADMINISTRATIVE
WATER ACQUISITION
SUPPORT FACILITIES CONSTRUCTION
MINE CONSTRUCTION
PROJECT CONSTRUCTION
UNION RETORT
UPGRADING
CIRCULAR GRATE
DDP
PSD
GENERAL, ENVIRONMENTAL, & SOCIOECONOMICS
ROADS
POWER
WATER
RUNOFF DAM
BUILDINGS
DEFINITIVE COST ESTIMATE MINE ONLY
ENGINEERING
MOBILIZATION
PRODUCTION DECLINE DEVELOPMENT
INTAKE SHAFT DEVELOPMENT
CONNECT OPENINGS, TEST ROOM
CRUSHER SHOPS AND PILLAR AREA DEVELOPMENT
SERVICE SHAFT DEVELOPMENT
EXHAUST SHAFT DEVELOPMENT
DEVELOP U/G TO 30,000 TPD
CONSTRUCTION
RETORT ONE
RETORT TWO
FULL PROD.
FEASIBILITY STUDY
ENGINEERING
COST ESTIMATE PHASE I
UPGRADING START-UP
LICENSE
UNION DEMO
TEST & SELECT UPGRADING
UPGRADING LICENSE
ENGINEERING FOR CIRCULAR GRATE DEMONSTRATION
POT & PILOT PLANT TEST
PILOT PLANT TESTING
LEGEND:
ACTIVITY
FALL BACK COURSE
MILESTONE
DEFINITIVE COST ESTIMATE
WRSOC C180 7-21-82

I. QUARTERLY SUMMARY

Construction activities continued on the White River Shale Project during the past quarter. These activities resulted in an increase in the project work force compared to the previous quarter. Recent events at the construction site are described below.

A. Developments at the Project Site

During the quarter, construction of the 27,000 square foot mine services building was completed. Work is nearly complete on the water and sewer treatment facilities that will serve the building. Both the decline and vertical shafts are progressing (see Figure 4), as is construction of the retention dam. Those two activities are described in more detail below:

1. Sinking of Decline and Related Shaft Facilities
   Contractor: Frontier-Kemper
   Description of Work: Includes sinking of a declining underground tunnel, nearly a mile long, from the surface to the shale mining zone, and sinking of a vertical ventilation shaft. The decline is scheduled for completion in September 1984. As of March 31, the decline was over 1,000 feet long. The vertical shaft also is presently under construction and has advanced to a depth of approximately 30 feet. Headframes, hoists, and a shaft collar are presently being installed.

2. Construction of Retention Dam
   Contractor: Jerry Clegg, Inc.
   Description of Work: Construction of a clay core retention dam approximately 60 feet high and 600 feet across with a holding capacity of 213 acre feet. (See Figure 3 for location.)

In the second quarter of 1983, construction of the mine shafts and retention dam will continue. Also, water and sewer treatment plants will be completed. No other projects are scheduled to commence during the second quarter.

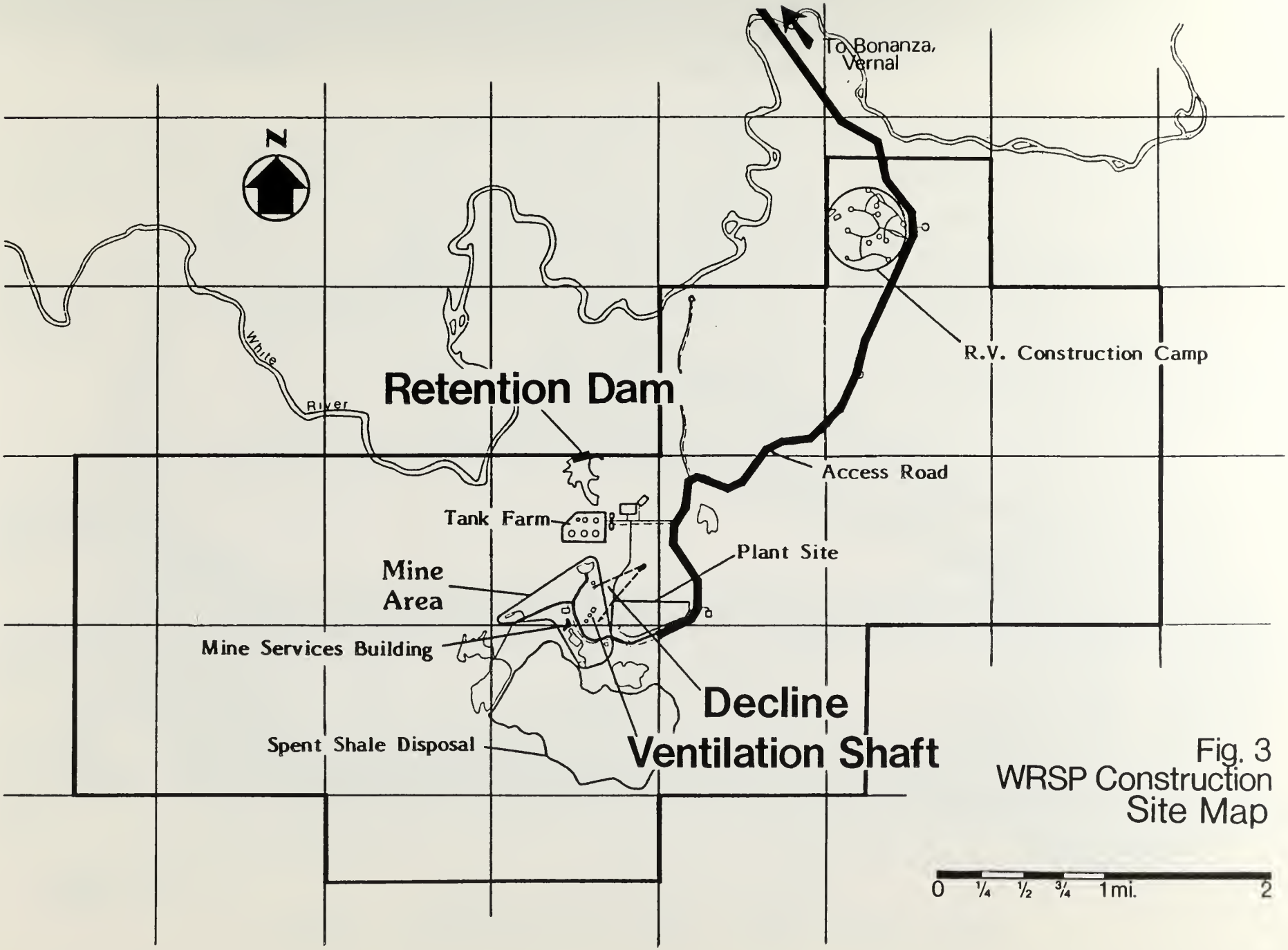


Fig. 3
WRSP Construction Site Map

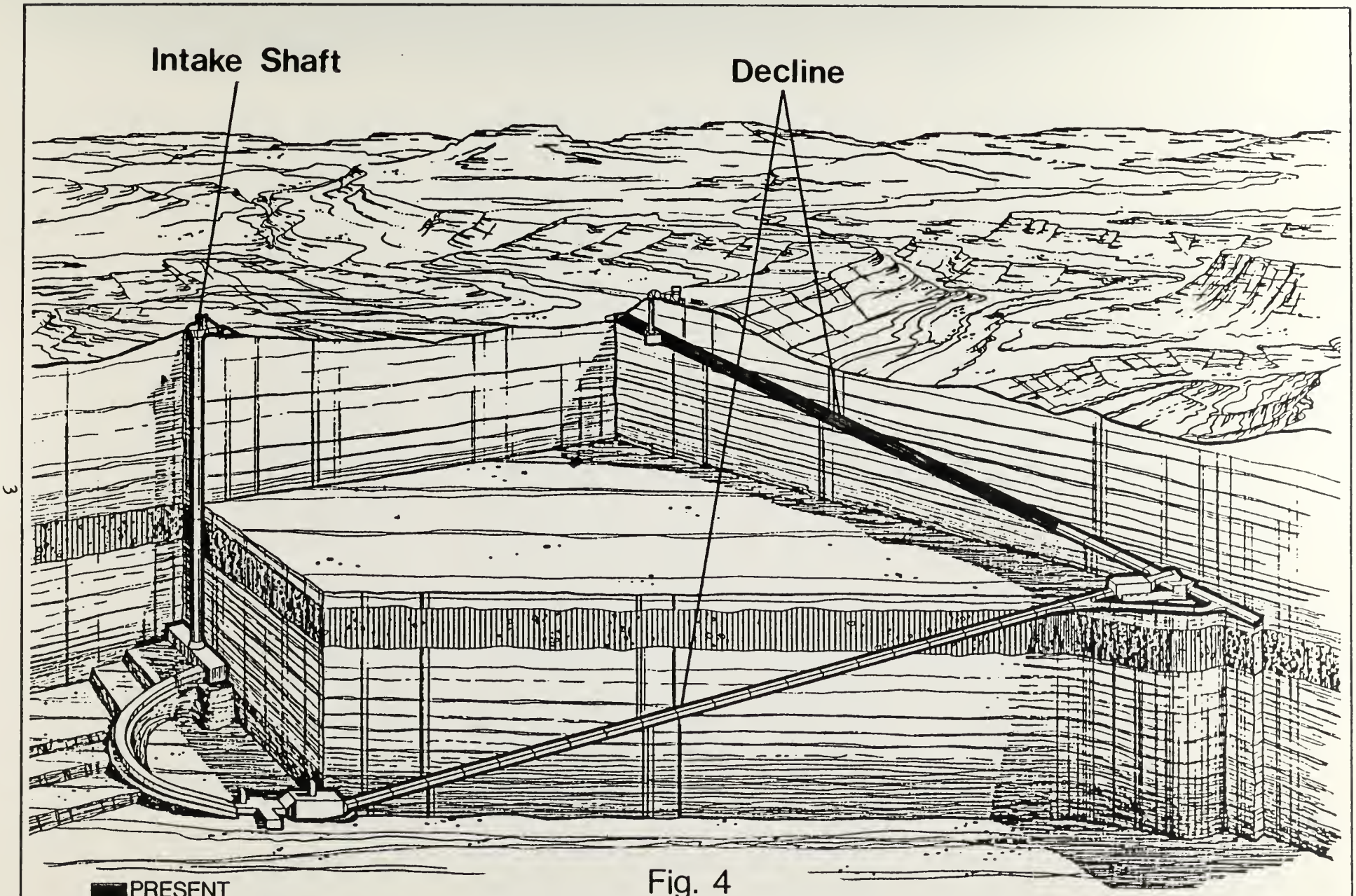


Fig. 4

WHITE RIVER SHALE PROJECT

PHASE 1 PRODUCTION DECLINE & AIR INTAKE SHAFT

B. Actual vs. Projected WRSP Employment

At the end of the quarter, there were 178 persons employed on the White River Shale Project and living in northeastern Utah - northwestern Colorado. This total is expected to decrease in subsequent quarters, and the expectation is that the average annual workforce for 1983 will be approximately 150 (Figures 5 and 6).

C. Summary of Work Force Monitoring

Table 1 summarizes the results of a questionnaire compiled for the 178 persons employed on the White River Shale Project. Each person completed the questionnaire at the time he or she began work on the WRSP, and all workers updated their questionnaires in January 1983. The results include the following main points:

General - The proportion of the work force which is classified as temporary (i.e. not employed directly by White River Shale Oil Corporation) remained stable during the past quarter. Temporary workers now comprise 92 percent of the project work force.

Age - The median age of the work force decreased this quarter, from 33 years to 32 years.

Marital Status - Seventy-nine percent of the work force is married, compared to 82 percent during the previous quarter. Fifty-eight percent of the married workers have their families with them, compared to 54 percent last quarter. Just over one-half of the work force is "single status" (i.e., singles plus marrieds who do not have families with them).

Residential Location - The share of the work force residing in the Ashley Valley increased again this quarter and now stands at 73 percent of the total. There has been little change in the share of the work force living on-site (17 percent). Only one percent of the work force now lives in Colorado, down from two percent last quarter.

FIG. 5

PROJECTED WRSP WORK FORCE
1982-2000

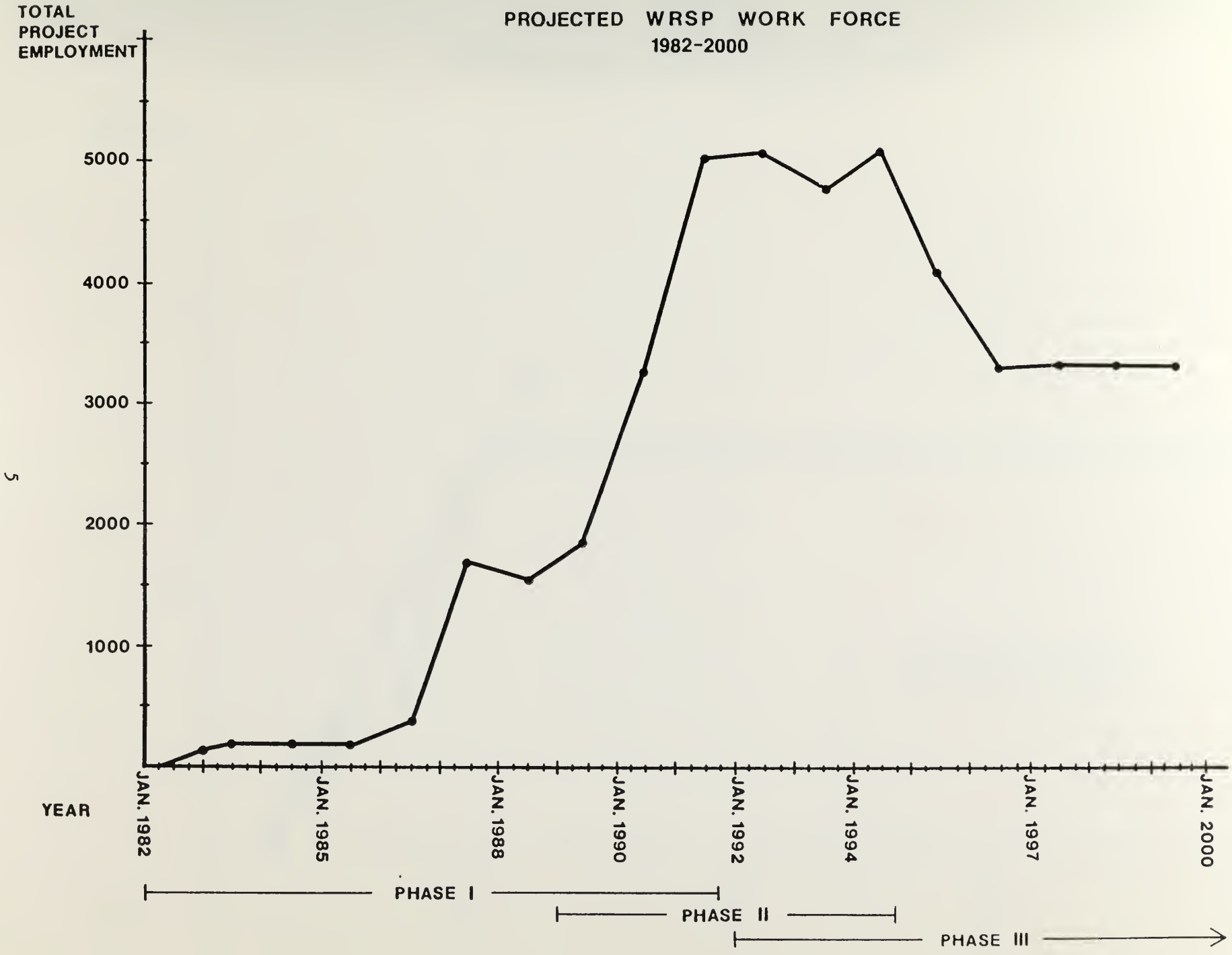
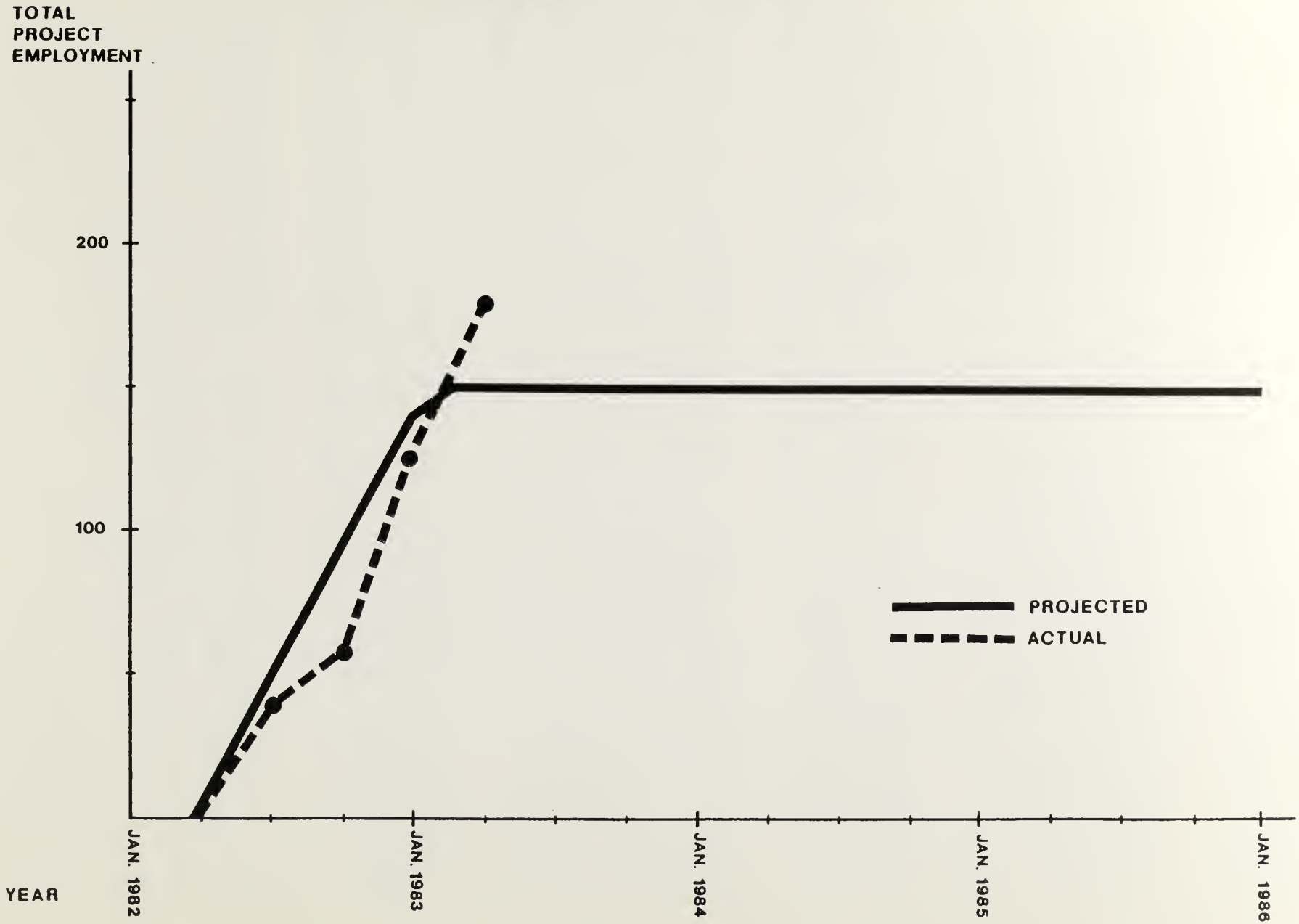


FIG. 6

PROJECTED AND ACTUAL WRSP WORK FORCE
JANUARY 1982 - DECEMBER 1985



Workers now tend to live slightly nearer to the project than they did last quarter. The mean distance between worker residences and the project is 38 miles, compared to 40 miles last quarter. Excluding workers who live on-site, the mean distance is 46 miles (versus 50 miles last quarter).

Present Housing - During the quarter, motels and recreational vehicles declined in the share of work force housing, while more conventional forms of housing increased in share. Motels now account for 17 percent of the workers' housing and recreational vehicles for 20 percent. Single family homes account for 35 percent of the workers' housing, and condominiums/apartments have risen to a 12 percent share of the housing.

Preferred Housing - Project workers continue to have diverse housing preferences, with 38 percent preferring single-family homes, 13 percent preferring apartments/condominiums, ten percent preferring mobile homes, ten percent, recreational vehicles, and eight percent, motels.

Origin of Work Force/Permanent Residence - Nonlocal workers now comprise 58 percent of the WRSP work force, compared to 64 percent last quarter. As was the case last quarter, just under 40 percent of the nonlocals come from outside Utah. The work force draws on 12 counties in Utah besides Uintah County. This quarter, for the first time, workers from Salt Lake County make up a sizeable share (24 percent) of the nonlocal workforce, as do Utah County residents (15 percent).

Of the local workers (i.e. those who commute daily from their permanent homes), virtually all live in the Ashley Valley. Forty-four percent report Vernal as their home, compared to 40 percent last quarter. Over one-half of the local work force comes from other parts of the Ashley Valley.

Employees' Children Present - The 178 employees report having a total of 122 children under age 18 living in the area, with 65 of these children being of school age. Forty-eight of these school age children are local and 15 are nonlocal. (Local/nonlocal status is unknown for two children.) The median age of the children remains at about six years.

Plans to Move Family to Area - Of the 59 married workers who are single-status, 13 (22 percent) plan to move their families to the area. This is an increase over last quarter's 18 percent.

Job Title - The diverse development activities now under way on the project continue to be reflected in the diversity of jobs held. Nonetheless, equipment operators and truck drivers are still the predominant job classification (22 percent of the total).

Travel to Work - One-half of the work force carpools to work, and two-fifths drive alone. Most of the others travel to work in company trucks.

Table I

WRSP EMPLOYEE MONITORING DATA
SUMMARY
March 31, 1983

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Workers	% of Work Force	Number of Workers	% of Work Force
A. GENERAL				
Permanent Employees	15	8%	9	7%
Temporary Employees	163	92%	115	93%
Total Current Employees	178	100%	124	100%
B. AGE				
18-25	44	25%	21	17%
26-30	32	18%	24	19%
31-35	28	16%	25	20%
36-40	26	15%	21	17%
41-45	22	12%	13	10%
46-50	10	6%	9	7%
51-55	9	5%	5	4%
Over 56	3	2%	3	2%
No Response	4	2%	3	2%
TOTALS	178	101%*	124	98%*
Median Age:	32 Yrs.		33 Yrs.	
C. MARITAL STATUS				
Single	33	19%	20	16%
Married, Single Status	59	33%	47	38%
Married, Family Status	82	46%	54	44%
No Response	4	2%	3	2%
	178	100%	124	100%

*Is not 100% due to rounding.

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Workers	% of Work Force	Number of Workers	% of Work Force
D. RESIDENTIAL LOCATION				
On-Site	31	17%	24	19%
Vernal	77	43%	55	45%
Jensen	7	4%	6	5%
Naples	12	7%	6	5%
Maeser	11	6%	9	7%
Other Ashley Valley	23	13%	3	2%
Rangely	0	0%	2	2%
Dinosaur	2	1%	3	2%
Meeker	0	0%	0	0%
Rifle	0	0%	1	1%
Roosevelt	0	0%	6	5%
Myton	0	0%	0	0%
No Response	15	8%	9	7%
TOTALS	178	99%*	124	100%
Mean Distance From Project:		38 miles		40 miles
E. PRESENT HOUSING				
Single Family Home	62	35%	29	23%
Condominium/Apartment	21	12%	13	10%
Mobile Home	19	11%	14	11%
Recreational Vehicle	35	20%	40	32%
Motel/Hotel	30	17%	25	20%
Other	0	0%	0	0%
No Response	11	6%	3	2%
TOTALS	178	101%*	124	98%*
F. PREFERRED HOUSING				
Single Family Home	68	38%	37	30%
Condominium/Apartment	24	13%	18	15%
Mobile Home	18	10%	14	11%
Recreational Vehicle	17	10%	19	15%
Construction Camp Modular Housing	2	1%	2	2%
Motel/Hotel	15	8%	8	6%
Other	0	0%	0	0%
No Response	34	19%	26	21%
TOTALS	178	99%*	124	100%

*Is not 100% due to rounding

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Workers	% of Work Force	Number of Workers	% of Work Force
G. ORIGIN OF WORK FORCE				
Local	68	38%	43	35%
Nonlocal	104	58%	79	64%
No Response	6	3%	2	2%
	178	99%*	124	101%*
H. PERMANENT RESIDENCE				
Local Work Force				
Vernal	30	44%	17	40%
Naples	7	10%	5	12%
Jensen	2	3%	2	5%
Maeser	8	12%	6	14%
Other Ashley Valley	20	29%	2	5%
Rangely	0	0%	1	2%
Dinosaur	0	0%	2	5%
Meeker	0	0%	0	0%
Rifle	0	0%	1	2%
Roosevelt	0	0%	3	7%
Myton	0	0%	0	0%
On-site	1	1%	0	0%
No Response	0	0%	4	9%
	68	99%*	43	101%*

*Is not 100% due to rounding.

Nonlocal Work Force	CURRENT QUARTER Number of Workers	CURRENT QUARTER % of Non-Local Work Force	PREVIOUS QUARTER Number of Workers	PREVIOUS QUARTER % of Non-Local Work Force
Arizona	2	2%	3	4%
California	4	4%	3	4%
Colorado	10	10%	6	7%
Idaho	0	0%	5	6%
Montana	1	1%	0	1%
Nevada	1	1%	2	3%
New Mexico	2	2%	1	1%
Oregon	0	0%	1	1%
Washington	1	1%	1	1%
Wyoming	2	2%	3	4%
Other Non Utah	14	13%	3	4%
Utah Counties				
Beaver	0	0%	1	1%
Cache	1	1%	4	5%
Carbon	1	1%	1	1%
Davis	5	5%	2	3%
Duchesne	0	0%	1	1%
Emery	0	0%	0	0%
Grand	1	1%	0	0%
Iron	0	0%	0	0%
Juab	1	1%	3	4%
Morgan	0	0%	1	1%
Salt Lake	25	24%	7	9%
Sanpete	2	2%	3	4%
Sevier	2	2%	6	7%
Uintah	0	0%	2	3%
Utah	16	15%	7	9%
Wasatch	1	1%	1	1%
Washington	3	3%	1	1%
Wayne	0	0%	1	1%
Weber	1	1%	3	4%
No Response	8	8%	7	9%
TOTALS	104	101%*	79	100%

*Is not 100% due to rounding.

I. EMPLOYEES' CHILDREN PRESENT, BY AGE

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Children	% of Workers' Children Present	Number of Children	% of Workers' Children Present
0-2 Years	33	27%	20	28%
3-5 Years	24	20%	11	15%
6-11 Years	34	28%	23	32%
12-17 Years	31	25%	18	25%
	122	100%	72	100%
Median Age:	6 Yrs.		6 Yrs.	

J. PREVIOUS EMPLOYMENT STATUS

	Number of Workers	% of Work Force	Number of Workers	% of Work Force
Employed	114	64%	35	57%
Unemployed	55	31%	25	41%
No Response	9	5%	1	2%
	178	100%	61**	100%

**Data not available for entire work force during fourth quarter 1982.

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Workers	% of Work Force	Number of Workers	% of Work Force
K. PLANS TO MOVE FAMILY TO AREA				
Plan to Move Family	13	9%	8	8%
Don't Plan to Move Family	46	32%	36	36%
Family Already in Area	82	56%	54	53%
No Response	4	3%	3	3%
	145	100%	101	100%
L. JOB TITLE				
Operator/Driver	39	22%	25	20%
Miner	24	13%	12	10%
Electrician	7	4%	4	3%
Metal/Plumber/Welder	8	4%	8	6%
Mason/Carpenter/Gunite	16	9%	7	6%
Engineer/Technician	15	8%	a.	a.
Admin./Clerical/Security	29	16%	a.	a.
Other	28	16%	66	53%
No Response	12	7%	2	2%
TOTAL	178	99%*	124	100%

* Is not 100% due to rounding.

a. In previous quarter, jobs were categorized differently, preventing comparisons in certain categories.

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Workers	% of Work Force	Number of Workers	% of Work Force
M. TRAVEL TO WORK				
Drive Alone	72	40%	45	36%
Car Pool	91	51%	66	53%
Other	8	4%	13	10%
No Response	7	4%	0	0%
	178	99%*	124	99%*

*Is not 100% due to rounding.

II. ANALYSIS OF DEMOGRAPHIC AND HOUSING DATA

In addition to the summary information on the work force presented in the preceding section, it is useful to consider in greater detail several aspects of the WRSP workers, their households, and the changes which have occurred during the past quarter. This section of the report presents these more detailed analyses, first those dealing with workers' household characteristics and next those relating to their housing.

A. Marital Status

Part C of Table I noted that four-fifths of the WRSP work force is married. However, that table did not consider differences in marital status between local and nonlocal employees, nor among workers living in the various communities. Tables II and III look at marital status in light of these additional variables.

As Table II illustrates, about nine-tenths of the local workers are married and one-tenth are single. The married proportion rose from about three-fourths of the work force last quarter.

As Table III shows, three-fourths of the nonlocal workers are married - down from about seven-eighths last quarter. Along with this decrease in married workers, the percentage of nonlocals who are single status has dropped somewhat (56 percent, down from 70 percent).

It is also worthwhile to compare the current places of residence of locals versus nonlocals. The largest percentage of nonlocals (43 percent) live in Vernal. Another substantial share of the nonlocals (29 percent) live on-site. Meanwhile, as one might expect, the largest share of the local workers - both singles and marrieds - come from Vernal (44 percent) or other parts of the Ashley Valley (54 percent).

B. Previous Employment Status

A subject of key interest to many in the Uintah Basin is WRSP's influence on the local employment situation. Table IV gives the responses regarding previous employment grouped for the local and nonlocal workers. Of the locals, 35 percent indicate they were unemployed before coming to work at WRSP - about the same proportion as last

quarter. The same is true of 29 percent of the nonlocals, down from 41 percent last quarter.

C. WRSP Workers' Children

Table V summarizes data on workers' children who are present in the area. The ratio of children to workers is higher than last quarter (0.70 now versus 0.59 then). Local workers have a total of 95 children present (an average of 1.40 children for every local worker versus 1.21 last quarter), while nonlocal workers have 25 children with them (0.24 child for every nonlocal worker versus 0.25 last quarter). Median age of the local children has decreased from about six to five, while for nonlocal children the median age remains at about seven. Of school-age children, 48 are local, 15 are nonlocal, and two are "no response". All of the children of school age live within the Uintah School District.

D. Workers' Housing

Type of housing differs considerably between local and nonlocal workers (Table VI). Locals predominantly occupy single-family homes or mobile homes. Most nonlocals live in recreational vehicles or motels, although a number of nonlocals also live in mobile homes, condominiums/apartments, or single-family homes.

Tables VII and VIII relate housing type and location to number of children present. All workers with children, both locals and nonlocals, now live in the Ashley Valley. Local workers who have children clearly favor single-family homes and, to a much lesser extent, mobile homes. By comparison, nonlocals with children are found primarily occupying apartments or single-family homes.

E. Housing Preference

Table IX compares workers' actual housing in the project area with their preferred type of housing. The percentage of workers who prefer their present type of housing over other possible types is particularly noteworthy. (See the underlined percentages in Table IX.) This quarter, a higher percentage of the work force than ever before (71 percent) expressed a preference for the type of housing they presently occupy. Ninety-eight percent of all single-family home dwellers who express a preference prefer single-

family homes. Similarly, 81 percent of the mobile home dwellers express a preference for mobile homes, and 53 percent of recreational vehicle dwellers prefer recreational vehicles. The level of satisfaction has risen significantly this quarter among condominium/apartment dwellers (44 percent versus ten percent last quarter) and motel dwellers (60 percent, up from 29 percent).

F. Residential Location

Tables X and XI show the types of housing occupied by WRSP workers classified according to location. All 50 of the local workers with single family homes continue to be in the Ashley Valley, primarily Vernal. However, for the first time a significant share of the local workers in single-family homes reside in the unincorporated Ashley Valley Water and Sewer District.

Nonlocal workers have a settlement pattern different from locals. Most nonlocals live in Vernal or in recreational vehicles on-site. Increasing numbers of nonlocals live in apartments/condominiums, single-family homes, or mobile homes.

Table II

MARITAL STATUS OF LOCAL WORKERS
March 31, 1983

Current Residence	Single Workers	Married Workers	No Response	Total Local Work Force
Vernal	3	27	0	30
Jensen	0	2	0	2
Naples	1	6	0	7
Maeser	1	7	0	8
Other Ashley Valley	2	18	0	20
Rangely	0	0	0	0
Dinosaur	0	0	0	0
On-Site	0	1	0	1
Roosevelt	0	0	0	0
No Response	0	0	0	0
Total Local Work Force	7	61	0	68

Table III

MARITAL STATUS OF NONLOCAL WORKERS
March 31, 1983

Current Residence	Single Workers	Married Workers, Spouse Not Living in the Area	Married Workers, Spouse Living in the Area	Total Nonlocal Work Force
Vernal	11	26	8	45
Jensen	1	3	1	5
Naples	2	2	1	5
Maeser	1	0	2	3
Other Ashley Valley	0	0	3	3
Rangely	0	0	0	0
Dinosaur	2	0	0	2
On-Site	5	22	3	30
Roosevelt	0	0	0	0
No Response	4	5	2	11
Total Nonlocal Work Force	26	58	20	104

Table IV

PREVIOUS EMPLOYMENT STATUS
March 31, 1983

	Previously Employed	Previously Unemployed	No Response	Total Work Force
Local Workers Living in:				
Ashley Valley	41	24	2	67
Colorado	0	0	0	0
Other	1	0	0	1
No Response	0	0	0	0
Total Local Workers	42	24	2	68
Nonlocal Workers from:				
Utah	45	12	3	60
Outside Utah	21	17	0	38
Unspecified	5	1	0	6
Total Nonlocal Workers	71	30	3	104
No Response	1	1	4	6
Total	114	55	9	178

Table V

WORKERS' CHILDREN PRESENT, BY AGE GROUP
March 31, 1983

Number of Children Present

Current Residence	0-2 Years		3-5 Years		6-11 Years		12-17 Years*		Total Children Present*	
	Local	Nonlocal	Local	Nonlocal	Local	Nonlocal	Local	Nonlocal	Local	Nonlocal
Vernal	13	2	8	2	7	7	7	1	35	12
Jensen	2	0	1	0	5	0	3	0	11	0
Naples	2	0	0	0	0	0	1	0	3	0
Maeser	2	1	2	1	5	1	1	4	10	7
Other Ashley Valley	10	1	7	3	8	1	11	0	36	5
Rangely	0	0	0	0	0	0	0	0	0	0
Dinosaur	0	0	0	0	0	0	0	0	0	0
On-Site	0	0	0	0	0	0	0	0	0	0
Roosevelt	0	0	0	0	0	0	0	0	0	0
No Response	0	0	0	0	0	0	0	1	0	1
Total Children Present	29	4	18	6	25	9	23	6	95	25

* Table excludes two children ages 12-17 because local/nonlocal status is unavailable.

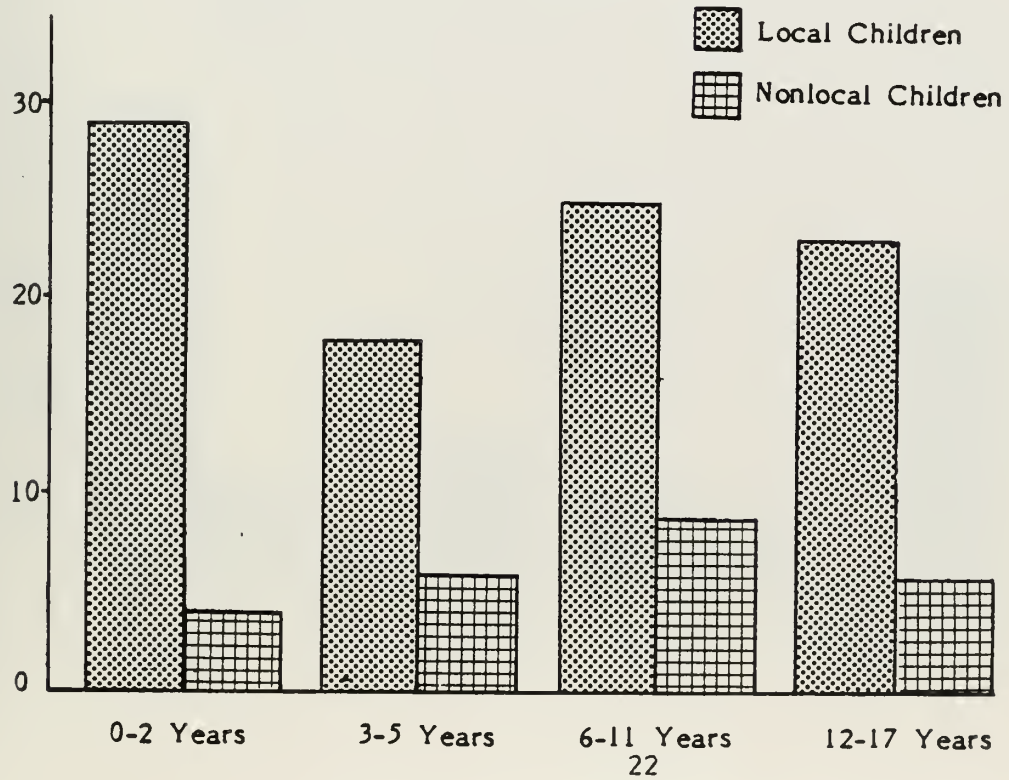


Table VI

HOUSING OF LOCAL VS. NONLOCAL WORKERS
March 31, 1983

Type of Housing	Local Workers	Nonlocal Workers	No Response	Total Work Force
Single Family Home	50	12	0	62
Condominium/Apartment	6	15	0	21
Mobile Home	10	9	0	19
Recreational Vehicle	1	34	0	35
Motel	0	30	0	30
Other	0	0	0	0
No Response	1	4	6	11
Total Work Force	68	104	6	178

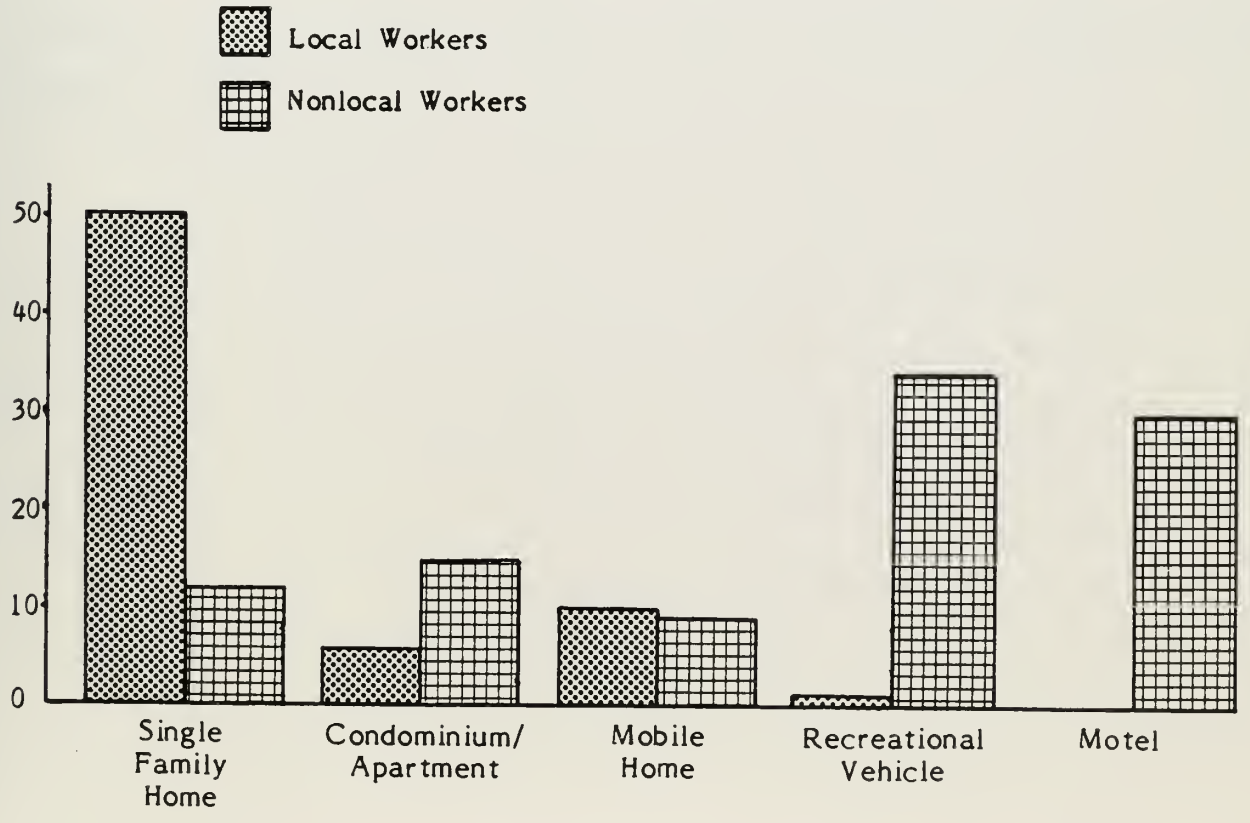


Table VII

HOUSING TYPE VS. NUMBER OF WORKERS' CHILDREN PRESENT
LOCAL WORKERS
March 31, 1983

Current Residence	Single Family Home	Condo-minium/ Apart-ment	Mobile Home	Motel	Recreational Vehicle	Other	Total Local Children Present
Vernal	23	4	8	0	0	0	35
Jensen	11	0	0	0	0	0	11
Naples	2	1	0	0	0	0	3
Maeser	10	0	0	0	0	0	10
Other Ashley Valley	32	1	3	0	0	0	36
Rangely	0	0	0	0	0	0	0
Dinosaur	0	0	0	0	0	0	0
On-Site	0	0	0	0	0	0	0
Roosevelt	0	0	0	0	0	0	0
No Response	0	0	0	0	0	0	0
Total Local Children Present	78	6	11	0	0	0	95

Table VIII

HOUSING TYPE VS. NUMBER OF WORKERS' CHILDREN PRESENT
NONLOCAL WORKERS
March 31, 1983

Current Residence	Single Family Home	Condo-minium/ Apart-ment	Mobile Home	Motel	Recreational Vehicle	No Response	Total Nonlocal Children Present
Vernal	3	7	2	0	0	0	12
Jensen	0	0	0	0	0	0	0
Naples	0	0	0	0	0	0	0
Maeser	5	2	0	0	0	0	7
Other Ashley Valley	0	3	0	0	0	2	5
Rangely	0	0	0	0	0	0	0
Dinosaur	0	0	0	0	0	0	0
On-Site	0	0	0	0	0	0	0
Roosevelt	0	0	0	0	0	0	0
No Response	1	0	0	0	0	0	1
Total Nonlocal Children Present	9	12	2	0	0	2	25

Table IX

PRESENT VS. PREFERRED HOUSING
March 31, 1983

Present Housing

Preferred Housing	Single Family Home		Condominium/ Apartment		Mobile Home		Recreational Vehicle		Motel		Other		No Response		Total Work Force	
Single Family Home	50	98%	8	44%	3	19%	4	13%	1	4%	0	0%	2	50%	68	47%
Condominium/Apartment	1	2%	8	44%	0	0%	7	23%	7	28%	0	0%	1	25%	24	17%
Mobile Home	0	0%	1	6%	13	81%	2	7%	1	4%	0	0%	1	25%	18	13%
Recreational Vehicle	0	0%	0	0%	0	0%	16	53%	1	4%	0	0%	0	0%	17	12%
Motel	0	0%	0	0%	0	0%	0	0%	15	60%	0	0%	0	0%	15	10%
Construction Camp Modular Housing	0	0%	1	6%	0	0%	1	3%	0	0%	0	0%	0	0%	2	1%
Other	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Total Work Force Responding	51	100%	18	100%	16	100%	30	99%*	25	100%	0	100%	4	100%	144	100%
No Response	11		3		3		5		5		0		7		34	

*Is not 100% due to rounding.

Table X

RESIDENCES OF LOCAL WORKERS
March 31, 1983

Type of Housing	Vernal	Jensen	Naples	Maeser	Other Ashley Valley	Rangely	Dinosaur	Rifle	On-site	Roosevelt	No Response	Total Local Workers
Single Family Home	20	2	4	8	16	0	0	0	0	0	0	50
Condominium/ Apartment	2	0	3	0	1	0	0	0	0	0	0	6
Mobile Home	7	0	0	0	3	0	0	0	0	0	0	10
Recreational Vehicle	0	0	0	0	0	0	0	0	1	0	0	1
Motel	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
No Response	1	0	0	0	0	0	0	0	0	0	0	1
Total Local Workers	30	2	7	8	20	0	0	0	1	0	0	68

Percent residing in the Ashley Valley: 98%

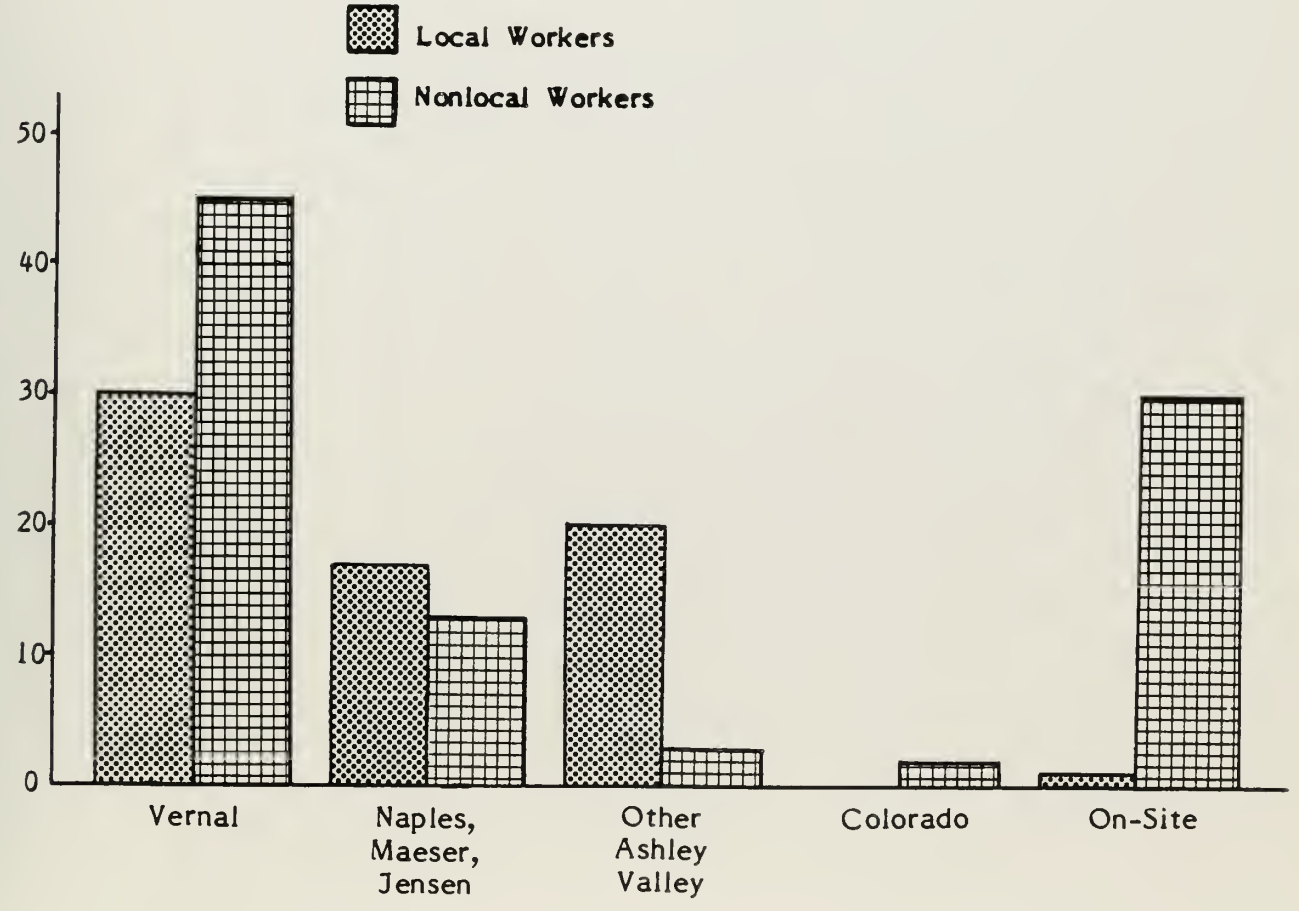


Table XI

RESIDENCES OF NONLOCAL WORKERS
March 31, 1983

Type of Housing	Vernal	Jensen	Naples	Maeser	Other Ashley Valley	Rangely	Dinosaur	On-Site	Roosevelt	No Response	Total Nonlocal Workers
Single Family Home	4	0	2	1	1	0	0	0	0	4	12
Condominium/ Apartment	10	0	1	1	1	0	0	0	0	2	15
Mobile Home	3	4	1	1	0	0	0	0	0	0	9
Recreational Vehicle	2	1	0	0	0	0	0	30	0	1	34
Motel	24	0	1	0	0	0	2	0	0	3	30
Construction Camp Modular Housing	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
No Response	2	0	0	0	1	0	0	0	0	1	4
Total Nonlocal Workers	45	5	5	3	3	0	2	30	0	11	104

Percent residing in the Ashley Valley (excluding workers who live on-site and "no responses"): 97%

Form 1279–3
(June 1984)

BORROWER'S CARD

TN 859 .U82 W419 1983a c.3

Socioeconomic impact
monitoring report no. ..

DATE LOANED	BORROWER	

USDI – BLM